MULTI-INSTANCE INPUT DEVICE CONTROL

ABSTRACT OF THE DISCLOSURE

The present invention combines features of an executable process with the need for multiple application programs to share a single input device. The present invention provides an executable program implemented as a process that allows multiple applications to

5   communicate with a single input device. This is achieved by loading the input device control executable program as a process. The executable program is a server thus allowing multiple application programs to interface with the same input device. The multi-instance input device control (MIIDC) executable program responds to each application program request as if the input device is open for the calling application program. Each application program is

10   thus enabled to communicate with the input device instance without interrupting the operation of other application programs communicating with the input device. The input device instance keeps track of all the connections to it and multiplexes and resolves conflicting requests.

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